

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number  
WO 2004/039474 A2

(51) International Patent Classification<sup>7</sup>: B01D 39/00

(21) International Application Number:  
PCT/US2003/033700

(22) International Filing Date: 24 October 2003 (24.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/421,066 25 October 2002 (25.10.2002) US

(71) Applicant (for all designated States except US): PALL  
CORPORATION [US/US]; 2200 Northern Boulevard,  
East Hills, NY 11548-1209 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SOWEMIMO-  
COKER, Samuel [US/US]; 8 Colby Drive, Dix Hills, NY  
11746 (US). DELGIACCO, Gerard, R. [US/US]; 196  
Tibbets Road, Yonkers, NY 10705 (US).

(74) Agent: JAY, Jeremy, M.; Leydig, Voit & Mayer, Ltd., 700  
Thirteenth Street, Suite 300, Washington, DC 20005 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,  
SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN,  
YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,  
GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent  
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG).

Published:

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: BIOLOGICAL FLUID FILTER

(57) Abstract: A biological fluid filter for processing biological fluids wherein the filter includes at least one porous leukocyte depletion filter element comprising a plurality of layers of fibrous porous media, the element having a P8 of at least about 36.8 cm of water, is disclosed.

WO 2004/039474 A2